# Alecs - The all-in-one machine vision solution

NVIDIA® Jetson Orin™ Nano 8GB or NX 16GB inside

## Benefit from design flexibility and a fast time-to-market

Experience the future of machine vision. Intelligent, flexible, and powerful. Build your own algorithms, integrate third-party software, and shape the system exactly to your needs.

See available models

Ale open smart camera platform desig
for ing machine vision and AI applic
It co es high-quality image acquisition
powerful NVIDIA edge AI processing in a sing

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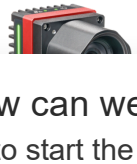
robust IP67 housing. This allows you to develop, deploy, and scale intelligent vision solutions faster — without added system complexity. With Alecs, you get:

- Alvium's feature set and sensor variety, providing a thorough base for various applications
- NVIDIA's powerful Jetson Orin NX 16GB and Nano 8GB SoMs, for complex AI algorithms
- Support for up to 25W Power Mode, ensuring efficient and powerful processing
- A robust industrial housing with IP67 ingress protection, vibration and shock robustness
- A wide operating temperature range from -20 to 65°C for demanding environments
- An open platform design, allowing for seamless integration with your own software tailored to your specific needs

This unique combination makes Alecs the perfect choice for anyone looking to leverage the benefits of machine vision and AI.

Get more information

# Models at a glance



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### Alecs G1-1242 NA8

- Resolution: 2.4 MP 4128 (H) × 3008 (V)
- Sensor: Sony IMX545
- Framerate: 40 fps
- SoM: NVIDIA Jetson Orin Nano 8GB

### Alecs G1-1242 NX16

- Resolution: 12.4 MP 4128 (H) × 3008 (V)
- Sensor: Sony IMX545
- Framerate: 40 fps
- SoM: NVIDIA Jetson Orin NX 16GB

### Alecs G1-510 NA8

- Resolution: 5.1 MP 2464 (H) × 2064 (V)
- Sensor: Sony IMX548
- Framerate: 81 fps
- SoM: NVIDIA Jetson Orin Nano 8GB

### Alecs G1-510 NX16

- Resolution: 5.1 MP 2464 (H) × 2064 (V)
- Sensor: Sony IMX548
- Framerate: 81 fps
- SoM: NVIDIA Jetson Orin NX 16GB

## Available with either Jetson Orin NX 16GB or Nano 8GB SoM, Alecs gives you complete design flexibility to develop solutions tailored to your requ

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Vincent Krull, Product Manager

# Get More Information

If you want to learn more about Alecs, and how to effectively develop customized and powerful Machine Vision solutions, please contact our expert.

**First Name** *

**Last Name** *

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**Phone** *

**Company** *

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